

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			
PRELIMINARY AMENDMENT		Docket Number: 11728/3	
Application Number Not Yet Assigned	Filing Date Herewith	Examiner	Art Unit
Invention Title HIGHLY ENDURABLE HEAT INSULATING MATERIAL, METHOD FOR PRODUCTION THEREOF, USES THEREOF, AND WORKING METHOD THEREFOR		Inventor(s) MATSUI et al.	

Assistant Commissioner for Patents
Washington D.C. 20231

SIR:

Please amend the above-referenced patent application as follows:

In the Specification

Please amend the Title to - - HIGHLY ENDURABLE HEAT INSULATING MATERIAL, METHOD FOR PRODUCTION THEREOF, USES THEREOF, AND WORKING METHOD THEREFOR- -.

In the Claims

3. (Amended) A highly endurable heat insulating material according to claim 1, wherein the high-temperature property of the surface hardening material is similar to the high-temperature property of the flame sprayed film of a fire-resistant ceramic substance.
4. (Amended) A highly endurable heat insulating material according to claim 1, wherein the fire-resistant ceramic substance is at least one member selected from the group consisting of simple substances of alumina-silica substance, refractory clay, zirconia, mullite, zircon, magnesia, calcia, dolomite, corundum, bauxite, alumstone, silicon carbide, and chromite and complexes thereof.
5. (Amended) In the production of a highly endurable heat insulating material according to claim 1, a method for the production of the highly endurable heat insulating material characterized by coating the surface of an inorganic heat insulating fiber with the raw material composition for the surface hardening material and then lava flame spraying a fire-resistant ceramic powder material on the raw material composition of the surface hardening material

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